



PTO/SB/21 (04-04)

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**TRANSMITTAL  
FORM**

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Total Number of Pages in This Submission

16

Application Number

10/007,367

Filing Date

October 22, 2001

First Named Inventor

Daniel HOFFMAN

Art Unit

3742

Examiner Name

Mark Paschall

Attorney Docket Number

4097 P01

**ENCLOSURES (Check all that apply)**

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form                                | <input type="checkbox"/> Drawing(s)   | <input type="checkbox"/> After Allowance communication to Technology Center (TC)        |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Licensing-related Papers                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input checked="" type="checkbox"/> Amendment/Reply                          | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition to Convert to a Provisional Application               | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                           | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                           | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/> Other Enclosure(s) (please identify below):                    |
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| <input type="checkbox"/> Information Disclosure Statement                    | <input type="checkbox"/> CD, Number of CD(s) _____                                      |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)              | <b>Remarks</b>  |   |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application    |   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 |   |   |

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Robert M. Wallace	Reg. No. 29,119
Signature		
Date	August 3, 2004	

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Shelly Hart		
Signature		Date	August 3, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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08-03-04 Date Cheryl Kent Name

PATENT

Attorney Docket No.: 004097 P01

RW Ref. No.: APM/063-00



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Daniel HOFFMAN, et al.

Serial No.: 10/007,367

Examiner: Mark Paschall

Filed: October 22, 2001

Group Art Unit: 3742

For: MERIE PLASMA REACTOR WITH OVERHEAD RF ELECTRODE  
TUNED TO THE PLASMA WITH ARCING SUPPRESSION

AMENDMENT TRANSMITTAL

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R :

Transmitted herewith is an Amendment under 37 CFR 1.111 in the above-identified application in response to the Office Action dated June 15, 2004. The fee has been calculated as shown below.

	Claims remain- ing after amendment	Highest number previously paid for	Present extra	Rate	Additional Fee
Total Claims	31 minus	30 =	1 X	\$18 =	\$18.00
Independent	1 minus	1 =	0 X	\$86 =	\$000.00
If Multiple Dependent Claims Are Present, Add \$290.00					
(If applicant is a "small entity," subtract half of total)					\$000.00
<b>Total additional fee for this amendment</b>					<b>\$18.00</b>

- ☐ No additional fee is required.
- ☐ A check in the amount of \$      is attached.
- ☒ The Commissioner is hereby authorized to charge payment of the fees in the amount of \$18.00 associated with this communication to Deposit Account No. 50-0338.  
The Commissioner is hereby authorized to charge any additional fees or deficiencies or credit overpayment to Deposit Account No. 50-0338. A duplicate copy of this sheet is enclosed.

Respectfully submitted,



Robert M. Wallace  
Reg. No. 29,119  
**Customer No. 000044843**  
Attorney for Applicants

Dated: August 3, 2004

Robert M. Wallace  
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on August 3, 2004 (Date of Deposit)

08-03-04 Shelly Hart

Date Name

IFW 3742 \$  
PATENT

Attorney Docket No.: 004097 P01

RW Ref. No.: APM/063-00



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: :  
Daniel HOFFMAN, et al. :  
: Group Art Unit: 3742  
Entitled: QUANTUM-STARK EFFECT :  
QUANTUM-DOT OPTICAL MODULATOR :  
: Examiner: Mark Paschall  
Serial No.: 10/007,367 :  
Filing Date: October 22, 2001 :

**AMENDMENT UNDER 37 CFR 1.111**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated June 15, 2004, please amend the above-identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.

08/10/2004 EAREGAY1 00000109 500338 10007367

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